

ABSTRACT

In an LCD, according to an embodiment of the present invention, a projection 6 is structured on top of insulation layer 8 on a TFT glass substrate 10 and under part of a black matrix 9. The projection 6 encircles the transparent region in each pixel so that a spacer 17 cannot climb over the projection 6 and enter the transparent region even though a certain pressure is applied onto the substrates 10 and 11. The width of the projection 6 is equal to or less than the 10 diameter of the spacer 17. The height of the projection 6 is equal to or longer than approximately 1 % the length of the diameter of the spacer 17, and it is preferable that it be equal to or longer than approximately 2 %.